

PACIFIC COAST NURSERIES NUMBER

AMERICAN NURSERYMAN

AMERICAN NURSERY TRADE BULLETIN

Chief Exponent of the American Nursery Trade

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Points Towards Good Will—Noble Possibilities

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AMERICAN NURSERYMAN --- October 15, 1932

EDITORIAL DEPARTMENT—Communications on any subject connected with Commercial Horticulture, Nurseries or Arboriculture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce engravings relating to these topics, Orchard Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimen Trees and Plants, Portraits of Individuals, etc. Engravings will be made from photographs at cost.

Advertising—Last forms close (semi-monthly) on the 10th and 25th of each month. If proofs are wanted, copy should be on hand one week earlier.

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L. M. GEMINDER
General Manager

WHAT THIS MAGAZINE STANDS FOR—Clean chronicling of commercial news of the Planting Field and Nursery. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Cooperation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

INDEPENDENT AND FEARLESS—"AMERICAN NURSERYMAN" makes no distinction in favor of any. It is untrammeled in its absolutely independent position and rates the welfare of the Nursery Trade above every other consideration.

This Magazine has no connection whatever with a particular enterprise. Absolutely unbiased and independent in all its dealings.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and International in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

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29 State Street,
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AMERICAN FRUITS PUBLISHING COMPANY, INC.

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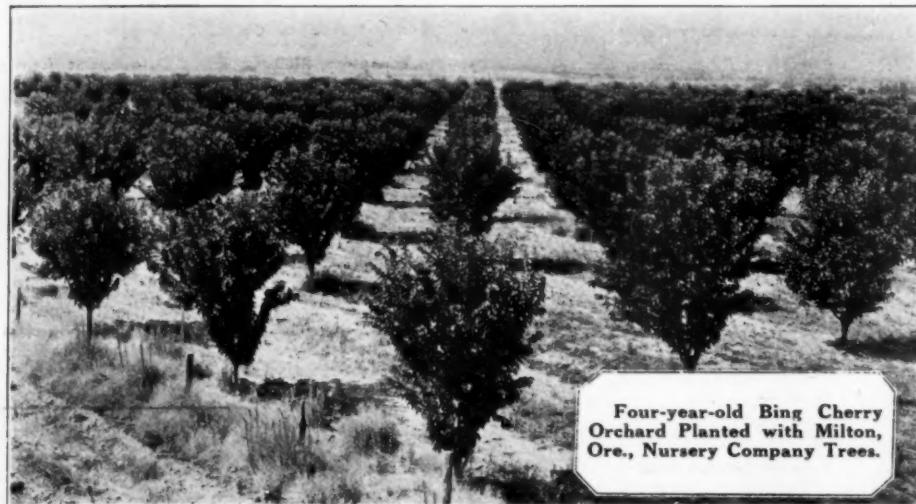
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Chief Exponent of the Nursery Trade



Wholesale Warehouse, Washington Nurseries, Toppenish, Wash. Nearly half acre of insulated frost-proof warehouse. The only Nursery warehouse west of the Rocky Mountains with inside railroad track facilities. In the high end two refrigerators can be spotted and loaded at one time, regardless of below zero temperatures outside.



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The Nurseryman's Forte:
To Make America More Beautiful and Fruitful

AMERICAN NURSERYMAN

[Reg. U. S. Pat. Off.]

The Chief Exponent of the American Nursery Trade National Journal of Commercial Horticulture

Entered September 6, 1916, at Rochester, N. Y., Post Office as second class mail matter

WITHOUT OR WITH OFFENSE TO FRIENDS OR FOES, I SKETCH YOUR WORLD EXACTLY AS IT GOES—BYRON

Vol. LVI

ROCHESTER, N. Y., OCTOBER 15, 1932

No. 8

Sentiment Regarding Jap Beetle Quarantine

As Expressed at Well Attended Conference This Month—All Favor Maintenance of Present Regulations But Not All Favor Extension

There was a large attendance of officials from New Hampshire, New York, New Jersey, Pennsylvania, Maryland, Virginia, West Virginia, North Carolina, Georgia, Louisiana, Ohio and Michigan, and other states may have been represented.

Mr. Worthy of the staff of the P. Q. C. A. explained briefly the situation as developed since the last hearing on March 25th.

Mr. Strong pointed out that it was necessary to consider not only the infested, but the uninfested areas; the amount of business transacted within the infested area, and the best interests of the entire country as distinguished from any one section or community.

Albert F. Meehan, Dresher, Pa., Chairman of the Legislative and Quarantine Committee of the American Association of Nurserymen, made a plea for a full and frank discussion of the problem. Stated that there had been a meeting of Nurserymen and state officials the night before and that it was the sense of that meeting that when it becomes necessary to consider a revision of present methods of quarantining the beetle, a system of Federal certification be devised, to permit interstate shipment of inspected Nursery stock into any other area, and, supplementing the above, to secure the cooperation of the officials of all such states to the end that such certificates be accepted as satisfactory evidence of freedom from infestation.

He stated also that it was the sense of that meeting that in order to secure uniformity and efficiency in treatment of the problem, the Federal quarantine should be continued. Mr. Meehan gave a summary of the statistics of values affected in Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Virginia, North Carolina, West Virginia, Ohio and Michigan. In these states there is a total of 2805 Nurseries occupying 69,110 acres. Their approximate value is \$39,000,000 and they pay out in operating expenses \$34,000,000. Their annual sales amount to \$30,000,000 and on their pay rolls are 20,800 employees. This problem, therefore, is of nation-wide importance. Anything tending to cripple this industry in these states would be a blow to the entire country.

Canada Favors Maintenance

Mr. McLean of Ottawa, Canada, expressed appreciation of the assistance Canada has always received from the officials in this country. He pointed out that the districts now under quarantine regulations are not adjacent to the Canada line—that there exists in effect a "buffer territory" and ex-

pressed hope that there would be no building up of infestations adjacent to the line through unnecessary extension of quarantine lines. The Canadian officials have found dead beetles in autos from a number of states at Niagara Falls and Yarmouth. In previous years they have found live beetles. Hope was expressed that Federal quarantine would be maintained.

Suggests Middle Ground Area

Mr. Meehan pointed out that as an individual having a Nursery in the infested area he would naturally like to see the shipping area extended as far as possible, but as he represented the Nurserymen as a whole he could make no such proposal. Other Nurseries beyond the infested area must be carefully considered. He suggested the propriety of adopting a middle ground; namely, extending quarantine lines only to points reasonably adjacent to the present heavily infested areas.

Extension Felt Not Justified

Congressman McMillan, South Carolina, expressed the view that conditions do not justify an extension of the quarantine to South Carolina. He introduced into the record a letter from the state entomologist expressing similar opinion. McMillan concurred with Meehan in the belief that the quarantine should be confined to territory reasonably adjacent to the heavily infested areas. He expressed fear that the quarantine would not eradicate the beetle, but would eradicate the trucking industry already suffering.

F. S. Baker, Cheshire, Conn., representing the Connecticut Nurserymen's Association, was very much in favor of government supervision of the beetle work. His state feels that the other states in the area are willing to cooperate with the government, and that they can safely leave the problem with the Department. He favors extension of the quarantine to those states where the beetle has been found to any considerable extent.

There was a rather large delegation from Ohio—Dr. Herbert Osborn, Raymond Imley, Howard Chard, L. F. Miller and several others. They questioned the wisdom of much of the present expenditure in view of the spread of the beetle and believed that the administration should have no doubt as to the justice of a quarantine before extending the lines to any new area. Dr. Osborn appreciated menace of the beetle but felt that there was no evidence that any infestation in Ohio has been a source of distribution of the beetle to other states. They all wish the best possible system to be devised to the end that the beetle be adequately controlled. The delegation generally seemed to have in mind the general burdens on the people of that state, and did not believe that there is sufficient evidence of infestation in Ohio to justify extension of the quarantine to that state at present.

Dr. Leiby, North Carolina, did not believe it necessary or advisable to include North Carolina within quarantine lines. He pointed out that there are no Nurseries near the points where beetles have been found in North Carolina.

Favors Control at Isolated Points

Dr. E. M. Cory, Maryland, made his "perennial demand" for protection of that state from shipments from the so-called beetle area. He suggested adoption of a wide protected area—a "barrier zone," including the territory in which finds have been made, separate from the well-defined beetle area. This would include parts of Ohio, Pennsylvania, New York, Vermont, New Hampshire, Maine, Massachusetts, Maryland, Virginia, North Carolina and West Virginia. He believes that a control program should be put into effect in all isolated points of infestation.

Not Much Hope for State Control

Davis, West Virginia, does not believe that infestation in that state justifies inclusion of West Virginia at present.

Zimmerman, Virginia, representing trucking interests, objected to throwing his state into the quarantined area.

L. M. "Deacon" Jones, Norfolk, Va., believes it unnecessary to extend regulated area into southern territory.

Dr. Symonds suggested that those present express opinion as to probability of securing appropriations from the states to continue and extend the beetle control work. Mr. Strong stated that "if the news isn't too bad we'd be glad to have it." Such expressions as followed that suggestion did not hold out much hope of state funds.

Manahan, Michigan, did not think his state should be included in the quarantined area. Michigan will take every step possible to control the situation as it develops in that state.

Donald Wyman, North Abington, Mass., representing New England Nurserymen, asked for uniformity of treatment. Has no objection to including Massachusetts provided similar treatment is given New York, Maryland, Ohio and Virginia.

Bell, of Pennsylvania, favors extension to new infestations "reasonably adjacent" to present infestations, provided the principle is applied throughout the general area. This would include the greater portion of Pennsylvania. He says serious consideration should be given to modification of farm products regulations; favors elimination of peaches and apples from such regulations.

Garrity, South Carolina, saw no assurance of state funds, but was sure that treatment of the four acres threatened with infestation would be given. He criticised road patrols as absolutely fruitless when empty box cars come from infested areas. Mr. Strong explained value of road inspection, and asked whether Garrity wished road shipments from infested areas to go to South Carolina.

Suggests Prompt Extension

Dr. Headlee, New Jersey, believed quarantine lines should be moved out promptly as far as information shows it to be advisable.

Dr. O'Kane, New Hampshire, observed that South Carolina would be much better off under federal quarantine than under various state embargoes. New Hampshire does not consider itself different from any

(Continued on Page 138)

Development of Pacific Coast Association

Closely Linked With History of Nursery Industry in That Section—Nut Culture Making Great Commercial Strides—Business Looking Up

THE Pacific Coast Association Nurserymen was organized at Portland, Oregon, February 19, 1902 with 27 charter members; now membership totals approximately 250. Annual conventions have been held each year since organization alternating in the different states embraced in the association territory, which consists of Oregon, Washington, California, Idaho, Utah and Province of British Columbia.

During the first 20 years the efforts of the association were devoted largely to educational features and general cooperation for the mutual benefit of members and patrons, also with horticultural officials in maintaining desired quality standards in general for commercial orchard plantings and for the domestic diversity requirements. In co-operation with orchardists the foundation was thus laid for commercial production of deciduous and citrus fruits to an extent of supplying a major portion of the markets of the United States and a considerable tonnage shipped into the various countries of the world.

It has been the policy of the association to work in close harmony with the inspection services in each of the states on this coast to maintain cleanliness of our Nursery products. In a few cases of impractical, arbitrary rulings on the part of newly appointed inspectors the remedy has been through reform or removal for sufficient cause.

By means of annual surveys, during the past ten years, conducted through the association, the members have been kept posted as to total Nursery stock plantings being prepared each year in advance of delivery, prospective available markets determined so far as is possible; thus to a helpful extent supply is kept coordinated with demand. Particularly has this been of benefit to Nurserymen growing fruit stocks. During the past three years the same line of service is being undertaken in the ornamental stock classes. It was soon observed that in order to maintain any satisfactory price range for ornamental stocks that grade standards readily understood and indicated, were needed, in addition to the coordination of supply and demand and especially so as to make production of high quality stock an object. Therefore, grade specifications have been established and as an experiment in the sale of rose plants, proved helpful to maintain fair selling prices for the No. 1 grade as compared with lower grades, sold during former years. It has been observed that many of the retailers as well as a large portion of the public buyers are not cognizant of intrinsic value distinctions in ornamental Nursery stocks which has been a detriment in the retail business. In some cases buyers have paid too much for stock of inferior quality, while in other cases sellers offer stock at lower prices than justified on the basis of actual values based on cost of production and active condition of the market, a condition which has reacted unfavorably, but is improved when plants are graded and each specimen plainly labeled as to variety and grade. In the case of rose plants merchandisers retailing, on this coast, find it impractical to use the term No. 1½ grade to designate second in quality rank, as it takes too much time for clerks to explain the significance of that term, as compared with labels marked No. 1 or No. 2 on each plant where customers choose at once, as desired, according to indicated values readily understood—an object when buying time is short and customers require expeditious service.

In order to obtain a desired measure of satisfaction for growers in various local Nursery districts on this coast, and the wholesale buyers in distant markets, cooperative associations are being organized with that

object in view. These are in the form of incorporations by initial firms of from five to ten members which are well established in the production of the Nursery products to be handled. Among the essential provisions in these associations are: Unity of action in making up and allocating the propagating lists; supervision of production and grading to be carried out under directed control, and the selling conducted through a central office. It is anticipated that additional members may join in each of these local organizations as practical developments are observed, for the mutual benefit of participants, members of the Pacific Coast Association of Nurserymen and their patrons.

Leading Nurserymen, under present unbalanced conditions, though finding themselves hard pushed to meet obligations, realized the advantages derived as the public become more conservant with qualities indicated by grade designations. Under Rules and Regulations, established by the Secretary of Agriculture, in the State of Washington, each specimen must be labeled as to grade in merchandising. It is the No. 2 grade of stock, to a large extent, which is offered at low prices and which at present fits the purchasing capacity of a large percent of customers, who can afford more time, that means, to trim and grow for desired shape. Fair prices for the No. 1 grade are thus more easily maintained at present or may be held over as deemed practical for a time of greater planting activity.

C. A. Tonneon, Executive Secretary

Among the Nursery concerns in Oregon, we find

Portland Wholesale Nursery Co.

This well-known Portland concern was organized and incorporated in June 1907, as a strictly wholesale concern.

For the first fifteen years their business was principally in fruit trees and fruit tree seedlings, but with changing conditions it has gradually changed until now it is more than half in roses and ornamentals, which go to all sections of the United States, and British Columbia.

"Sales last season," says President Albert Brownell, "were less than fourteen per cent below the former season, which under present conditions we consider very satisfactory so far as sales go, but slow collections continue to be embarrassing."

"Portland is, we believe, located in one of the most satisfactory sections of the United States in which to grow Nursery stock, both from the economical standpoint, and that of quality of stock produced, and it is fast forging to the front as a Nursery center."

Milton Nursery Company

This Milton concern is rounding out fifty-four years of its existence. The business was founded by A. Miller in the early days of the Pacific Northwest in the Walla Walla Valley and has been operated in the same locality, without a change of ownership during this period. The personnel has always consisted of members of the family who have always striven to build up a strong, growing business, well organized and prepared to carry on under varying conditions. The present officers of the company are G. W. Miller, president, succeeding the late S. A. Miller; C. B. Miller, treasurer, and C. D. Hobbs, secretary.

Says Secretary Hobbs: "The work of the various departments is all assigned to these individuals and is going forward in accordance with long tried and established methods. During the years of its history this company has passed through times of depression along with its contemporaries and has quickly made such adjustments that have been necessary to meet prevailing conditions. That is true today and we are working along carefully and holding steady, ready for what may come."

"We have been favored with good growing

conditions this past summer. Our stock is fully up to our usual standards. We have enough for all requirements, possibly a surplus in some lines. Anticipating a slowing up in demand we have curtailed at every point necessary, and yet have kept up a good assortment of shade and ornamental stocks as well as a full line of fruit trees. We are maintaining a position where we can go ahead whenever the demand justifies such action.

"Poor returns for various kinds of fruit will retard sales in a commercial way and yet there will be some planting of home orchards, landscaping jobs of limited expense and the planting of ornamentals.

"One thing has impressed itself upon us and that is Nurserymen could conserve their energies and resources and avoid a lot of worry by more closely coordinating supply and demand. Over-production in the face of present conditions is little less than business suicide.

"Aside from the falling off in demand for stock, poor collections are causing us a lot of trouble.

"We can assure our friends the same, careful, conscientious attention to business that has characterized the many years of our existence."

Villa Nurseries

The Nurseries are located at Montavilla; the main offices at Portland. The business was established in 1912. Says J. Mickelsen, proprietor:

"We are wondering if we chose wisely in selecting our occupation. We passed through a depression period beginning about 1913 or 1914, and continuing for several years but, in our opinion, the present depression is much more severe and far-reaching than any we have had at other times.

"We do not look for any large sales on the Pacific Coast for ornamental stock and fruit trees. The fruit growers in the Northwest are in a deplorable condition and it will take at least one or two years of good high prices for their fruit before they will be able to buy trees again. With fruit prices low, the fruit growers simply will not plant out trees.

"The bright spots in the Nursery business as we see them are that there is a pretty good demand for walnut and filbert nut trees, and a good demand for Oregon-grown roses among the eastern Nurserymen."

Oregon Nursery Co., Inc.

Says M. McDonald, president of this concern which has offices in Orenco, Portland, and Scappoose:

"While all is not rosy along the Nursery road on the Pacific Coast, there are bright spots along the way that give encouragement to the individual to press forward in the hope that better days are just ahead."

"Portland and Oregon are fortunate in their diversified agricultural and horticultural products as well as the many other industrial pursuits that our people are engaged in. Just at this time our nut orchardists are harvesting a bountiful crop of the famous Vrooman Franquette Walnut—the crop being twenty to twenty-five per cent larger than that of a year ago, with more advance orders at this time than last season, and with wholesale prices of eighteen cents for fancy and sixteen cents for standard or main crop."

"In 1906 the writer introduced the Vrooman Franquette Walnut in this field at which time many wise ones were skeptical of walnut growing becoming a profitable commercial crop in the North. Now the growers are shipping fifty to seventy-five carloads of these wonderful Oregon Franquettes to the markets of the world."

"Filbert growers, too, are doing very well and the demand for trees of both walnuts and filberts is quite active, and there probably will not be sufficient trees to supply the demand. On September 17, a group of filberts (Continued on Page 134)

California's Nursery Trade Development

In Ten Years She Advanced From Third to First Place in the Annual Value of Her Nursery Plant Productions—A \$35,000,000 Industry

TAKing a retrospective glance at the Nursery industry in California, we soon learn that its commercial significance is closely allied to all phases of California's agricultural development, taking its roots in the gold placer mining period and keeping pace with the live stock era, the grain age, then the big fruit development, the industrial decades, and finally the cooperative movement, which is still in its evolutionary stages.

In the Federal census of 1920 California occupied third place among the states in the annual value of her Nursery plant productions; in 1930 the figures show that she had advanced to first place—a position that she maintained in the last federal census.

It is somewhat different to estimate the gross annual turnover in California covering all classes of plant material: Nursery stock, seeds and florists cut flower supplies, because no reliable statistics are available. Allowing for this, it is fair to assume that one man's guess is as good as another's. A few years ago the Los Angeles Chamber of Commerce made a stab at collecting statistics covering Southern California, which seemed to demonstrate that for the seven southern countries, the gross turnover was in excess of \$17,000,000; if this is only approximately correct, the turnover for the state as a whole must be in the neighborhood of \$35,000,000.

There are other criterions, however, which are not without their significance. For instance, it is not generally known that the Nursery industry in California is unique in the fact that it petitioned the Legislature to enact a Nursery license of \$10.00 permitting the handling of plant material, soil fund to be disbursed solely by the California Department of Agriculture for the purpose of pest control measures and the suppression of plant diseases in Nurseries. The collections for this fund revealed that there are in this state fully 2500 people engaged in the commercial plant industry. To this number should be added 600 additional names that the law exempts from the fact that they do less than a \$100.00 turnover, limited within their respective counties. In other words there are over 3,000 commercial plantmen in California handling Nursery plant products. This will give some idea of the Nursery business in California.

The growth of the Nursery industry in California is closely interwoven with the strides made by its various well-known concerns, among which are

H. A. Hyde Company

This company has become one of the stable and permanent organizations of Watsonville and the Pajaro Valley. Through its knowledge of local conditions and its study of soils, climate, and marketing conditions, it has helped largely in the development of the orchard industry in that section, and during the past years, has supplied over one million fruit trees for the various orchards.

The business was started in 1905 by H. A. Hyde, who built a small greenhouse and started to handle cut flowers and small plants of all varieties. In the year following, there was added the work of growing and shipping east of bulbous stock, chiefly white callas.

Mr. Hyde carried on the business management alone until February 1919 when there became associated with him his two sons, Harold A. and Clifford M. Two of his boys, Harold A. and Nelson, had previously worked for their father. In 1919 a partnership was formed. The following year the company was changed to a co-partnership and Arthur Bowman of Portland, Oregon, was taken in. Mr. Bowman had for many years previously been associated with some of the best known seed and Nursery firms in the Northwest. He

had had rare training and vast experience in all lines of growing and merchandising, and had looked after the growing of potato stocks and strawberry plants for the company for a number of years.

This co-partnership was carried on until 1926, when the H. A. Hyde Company was incorporated under the state laws of California, carrying the same personnel as above until Harold A. Hyde was killed in an automobile accident in December 1926.

Present officers are H. A. Hyde, Watsonville, president; Arthur Bowman, Portland, Ore., vice-president; Clifford Hyde, Watsonville, secretary-treasurer. A younger son, Arthur, 24, is at present completing his education at the University of California, planning to take up the work of landscape engineering and covering that field as a member of the firm.

For a period of over 20 years, the company has made a specialty of strawberry plants for the commercial planters. Hyde Company has put out the only published book on berry culture issued in the west. Hyde's seed potatoes are known throughout California and many carloads are distributed annually.

The bulb fields are situated in various counties according to their adaptability for the growing of freesias, callas, gladiolus and tuberous begonias, and the firm was the first carload shippers of these stocks to the East. The company maintains two offices in Oregon, one at Portland, another at Salem. Hyde Begonia Park at Watsonville, world famed, is a mecca for thousands of visitors each year when the flowers are in full bloom.

Clarke Nursery Co.

This Nursery, started January 1, 1917 at San Jose, is nearly 16 years old. It is devoted entirely to ornamental stock, no fruit trees whatever being grown. Eighteen acres are cultivated. Business is wholesale but no effort is made toward bulk production. The idea, as expressed by the manager, W. B. Clarke, is to grow moderate quantities of high grade material and above all to specialize in uncommon stock. Mr. Clarke says:

"Among other things we have by far the largest commercial collection of Japanese Flowering cherries in the United States and, with the possible exception of the Arnold Arboretum, probably the greatest assortment of varieties of Japanese Flowering cherries at one point in the country. Considerable attention is paid to grafting unusual varieties of conifers.

"Some of our other specialties are standard wisterias, Laburnum vossii, Davidia involucrata, Young's weeping birch, wisteria multijuga longissima (clusters over four feet long), robinia hispida macrophylla, coton-easters apiculata, praecox and other scarce varieties; also many varieties of flowering peaches, apricots, apples, plums, etc.

"Business on the Pacific Coast is much as elsewhere. Suffering not only from the current depression but also from great over-production whose peak unfortunately synchronized with the depression. Propagation is now greatly curtailed and more healthy condition is likely to result if too many firms do not go bankrupt and into the hands of receivers, resulting in the stock being thrown on the market at any price. It is thought that business conditions have begun to show a little improvement on the Pacific Coast. In our line this will not be definitely known until the fall and winter planting season opens up in November."

Felix Gillet Nursery

At Nevada City ranks as the second oldest of 1600 Nurseries in all of California. It was founded in 1871 by Felix Gillet, a native of France, a barber by trade, and by vocation a student of plant life, as well as such uncommon subjects as navigation and astronomy. He lived to become the best authority in the United States on nut trees and their propagation. He was one of the

founders of the walnut industry of California, which today brings millions of dollars into California. In a history of the walnut industry in the Yearbook of the United States Department of Agriculture for 1925, it states on page 290, "The present California stock traces mainly to plantings by Joseph Secton of Goleta in 1867 and to introductions direct from France by Felix Gillet, following the establishment by him of the Barren Hill Nursery at Nevada City in 1871. The pioneer work of these men laid the foundation for walnut growing in their respective parts of the state."

The company at present grows ornamentals in large assortment for both the trade and retail, as well as nut trees. It issues both a trade list and a retail catalogue. Does some export business. The Nursery is located at 2600 feet elevation in the Sierra Nevada Mountains of Northern California; soil type makes fibrous root system and is an excellent balling soil.

Says C. E. Parsons, present proprietor: "The outlook for this season bids fair with us to be up to the last season and if we equal our sales of 1931-32, we will be satisfied. We believe the National Campaign of the A. A. N. should be resumed in time for the 1933-34 season; that the Nursery business in ornamentals has a splendid future."

Nurseries in Washington

The Washington Nursery Co. was established in Toppenish in the spring of 1903 due to the favorable location on the Yakima Indian Reservation, with an abundance of virgin soil, and few nearby orchards. Time has proven the wisdom of this choice as it has proven to be not only a splendid location for the growing of deciduous fruit and shade trees, but also exceptionally well adapted to the growing of apple and pear seedlings, says B. R. Sturm.

The company enjoyed a heavy retail and wholesale business, especially after the World War, and rapidly expanded its facilities to take care of the greatly increasing wholesale business. Unfortunately this expansion was too rapid and much of it was done on a credit basis. In September 1926 occurred two nights of unheard of low temperatures, the thermometer going to 22 above zero, a new record low for central Washington, not only for September but for October.

As a result of the extremely heavy damage done by that freeze, nearly all business booked could not be shipped, and the company was unable to pay its bills, which could have been paid out of the season's returns had the loss not occurred. An assignment was made for the benefit of creditors, but with declining business conditions the company could not work out and a receivership was asked for in May 1931 and the assets were sold at receiver's sale June 1931.

The Washington Nurseries was organized in Nov. 1931 to continue the business, and has a nice stock of fruit tree seedlings, elm, maple, etc., a well balanced line of fruit trees, as well as other deciduous shade trees and shrubs.

"Due to low prices of fruit in the Northwest," says B. R. Sturm, "demand for fruit trees is very light. The demand for ornamentals is fairly good. Stocks all over the Northwest are being depleted and another year should see prices on a profitable business."

George Lawler

Of Tacoma, is one of the pioneers in that fairly new business in this country, the culture of narcissus bulbs. He was the first to grow narcissus bulbs on a commercial scale in the Pacific Northwest. The cool moist climate of the Puget Sound country, its freedom from hot weather and extreme cold, makes for a long growing season for narcissus bulbs. This industry has developed into large proportions in that section of the country.

(Continued on Page 135)

AMERICAN NURSERYMAN

American Nursery Trade Bulletin



CHIEF EXPONENT OF THE AMERICAN NURSERY TRADE

Featuring the Nursery Trade and Planting News of American and foreign activities as they affect American conditions. Fostering individual and associated effort for the advancement of the Nursery and Planting Industry.

Absolutely independent.

OFFICIAL JOURNAL
PACIFIC COAST ASSOCIATION OF NURSERYMEN
Largest District Organization in the Trade
ILLINOIS STATE NURSERYMEN'S ASSOCIATION
Leading State Nursery Trade Organization

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ROCHESTER, N. Y., OCTOBER 15, 1932

Ralph Thrall Olcott

Founder of American Nursery Trade Journalism

THE FIRST Nursery trade paper in America was established in 1893, as long-time Nursery concerns know, and for nearly thirteen years was conducted under the personal and exclusive direction of the late Ralph T. Olcott, who later founded the AMERICAN NURSERYMAN on broad and untrammeled lines.

"The dean of Nursery Trade Journalists."—John Watson

A Policy Roundly Echoed

"Cultivated Americans, impatient with cheap sensationalism and windy bias, turn increasingly to publications edited in the historical spirit. These publications, fair-dealing, vigorously impartial, devote themselves to the public weal in the sense that they report what they see, serve no masters, fear no groups."—Time Magazine.

Sound Distribution

"Distribution has been much stressed, perhaps correctly, by executives, organizations and business analysts as the present main problem of industry. Nevertheless, I am of the opinion that there can be no sound distribution that is not based on sound production."

"To find and serve a market is to presuppose a capacity to produce economically, wastelessly. Buyers have a way of seeking out the producer who best serves them at the factory."—Charles Ault, Auburn, Me.

"A paper which gives the best value for the money to the reader will give the best value to the advertiser as well. I don't think there is any argument about the soundness of this view."—H. Dumont, Chicago, Ill., in Printers' Ink.

The Mirror of the Trade

STATE NURSERIES PROBLEM

Away back in October 1924, four months after the Clarke-McNary Act, providing for reforestation of denuded and idle land to promote the continuous production of timber, had been passed by Congress, P. S. Lovejoy, Ann Arbor, Mich., in a communication to the editor of the American Nurseryman, said:

"The recently passed Clarke-McNary Act gives the Secretary of Agriculture authority to cooperate with state authorities in the distribution of tree seed and planting stock. A great increase in state-federal Nursery work is to be anticipated. I am wondering how Nurserymen do feel about it. And whether their feelings are a matter of general hunch, or based on a well founded consideration of the facts and a long-range policy. Has the A. A. N. ever put a competent and unprejudiced committee on this subject? A real report and recommendations as to a general policy might prevent unnecessary and futile stern-chasing later on. In the long run, of course, the public interest will get the right-of-way. But just what is the public interest and what are the equities? Wouldn't it be well to get these discussed and formulated—if possible, agreed upon by everybody—before the Clarke-McNary Act begins to function?"

Eight years later, Congressman Fred S. Purnell of Indiana, addressing the A. A. N. convention on "Government in Business," remarked:

"The government should get out of the Nursery business where it interferes with Nurserymen. I am not talking against reforestation, but I do object to the government's going into the Nursery business if it hurts the Nurserymen. Last year (1931) the government gave away 25,500,000 free trees. But very few of the trees were bought from Nurserymen. Most of them were grown in state Nurseries which were partly subsidized with government funds. This practice is beginning to hurt Nurserymen."

After eight years of governmental activity in establishing new state and federal Nurseries and expanding and extending old Nurseries, and in the face of no united active opposition on the part of the Nursery industry of which it had become a competitor, it is to be expected that such practice would begin to hurt Nurserymen. It's about time the trade woke up, and decide to take united drastic action and to protect its interests and its over seventy-eight million dollar investment.

This whole subject of reforestation was again brought into the limelight at the time of the convention of the Virginia Nurserymen's Association last August, when the chief topic of discussion at that meeting was recognized as being a heated discourse on the "abuses" of state reforestation of denuded areas. The protests of the Nurserymen were based upon alleged infringements of the applications for trees by private individuals, and a consensus also indicated that they disliked grants of trees to public schools for decorative purposes. Specific instances of infringement of applications were cited by association members.

Secretary Roper in reporting the convention said: "Nurserymen feel that much good will come of the discussions, for those in charge of the state Nurseries would like to know that all the trees they send out would be used only for the purposes for which they grow them. The Nurserymen are in full accord with the reforestation projects and are unanimously ready to lend all the help they can in the work. They do not feel, however, that the state has a right to

tax them, use their money to grow trees and then put them out at prices 'that make Nurserymen shiver'; in competition with the plants they grow as ornamentals, few, if any, of which are suitable for reforestation purposes."

In the opinion of former President L. M. Jones, of the Virginia Association, the preamble to the Clark-McNary Act authorizing national reforestation is innocent enough, but sections four and five of this Act ruin the preamble. This portion of the Act reads:

Section 4. That the Secretary of Agriculture is hereby authorized and directed to cooperate with the various states in the procurement, production, and distribution of forest-tree seeds and plants, for the purpose of establishing windbreaks, shelter belts, and farm wood lots upon denuded or non-forested lands within such cooperating states under such conditions and requirements as he may prescribe to the end that forest-tree seeds or plants so procured, produced, or distributed shall be used effectively for planting denuded or nonforested lands in the cooperating states and growing timber thereon: Provided, That the amount expended by the Federal Government in cooperation with any state during any fiscal year for such purposes shall not exceed the amount expended by the state for the same purposes during the same fiscal year. There is hereby authorized to be appropriated, not more than \$100,000, to enable the Secretary of Agriculture to carry out the provisions of this section.

Section 5. That the Secretary of Agriculture is hereby authorized and directed, in cooperation with appropriate officials of the various states or, in his discretion, with other suitable agencies, to assist the owners of farms in establishing, improving, and renewing woodlots, shelter belts, windbreaks, and other valuable forest growth, and in growing and renewing useful timber crops: Provided, That, except for preliminary investigations, the amount expended by the Federal Government under this section in cooperation with any state or other cooperating agency during any fiscal year shall not exceed the amount expended by the state or other cooperating agency for the same purpose during the same fiscal year. There is hereby authorized to be appropriated annually out of any money in the Treasury not otherwise appropriated, not more than \$100,000 to enable the Secretary of Agriculture to carry out the provisions of this section.

The objectionable feature of this legislation, not fully realized, or perhaps foreseen, at the time of the bill's enactment but a prominent development since, is the provision for supplying evergreens and shade trees for windbreaks and shelter belts and other purposes. In several states, distribution is through county agents of the Department of Agriculture who are thereby made tree agents in competition with the business of Nurserymen.

The American Association of Nurserymen, at its Chicago convention this year went on record as favoring a change in paragraphs 4 and 5 of the Clarke-McNary Act to cut out free distribution of evergreens and trees except for the sole purpose of the reforestation of waste lands. A committee is to be appointed by President Paul Stark to collect, arrange and report on activities of state forestry Nurseries. The idea is that the committee is to furnish ammunition for an appeal to Congress to revise the Clarke-McNary Act so as to stop government competition with Nurserymen.

It is our suggestion that this committee get under way at once so as to put its appeal into shape for presentation soon after the next Congress convenes. A most im-

portant consideration for all Nurserymen to keep in mind is this: Unless the proposed committee is strongly backed by every faction in the Nursery trade, it cannot hope to accomplish its purpose.

As has been stated, time and time again, there is no reason why the public should help support, through taxes, work which could be done perfectly well by private enterprise. A prominent New England concern makes this pertinent observation:

"We see no reason why the state should go into the business of raising trees, particularly for public sale or general distribution (aside from planting on state land) until it has been proven impossible to secure them at reasonable prices from private Nurseries.

"We do not think it fair for some frequently inexperienced individual to arbitrarily fix a price for stock lower than the figure experience has shown to be reasonable, pay the difference out of the taxpayers' pockets, and then say that the state has to raise trees because it cannot get them anywhere else. This is being done right along and we do not see why the argument does not apply to all kinds of trees—evergreens, broadleaf or any other—whether they are used for forest or ornamental purposes."

Back in 1926 when the first effects in aggregate, of the establishment of state Nurseries under the Clarke-McNary Act, were beginning to be felt, and Nurserymen in various states were actually becoming alarmed at the extent to which state Nurseries were operating, Nebraska Nurserymen, foreseeing the dangers of this unethical practice, joined together and submitted a plan to a state conference composed of the governor, several members of the state legislature, heads of the Agricultural School of the University of Nebraska, and officers of the Nebraska Nurserymen's Association. This plan became widely known as the Nebraska Plan of Reforestation, and was highly indorsed by Nurserymen throughout the country, though adoption of a similar plan in other states was evidently not effected. This Plan is reproduced in an adjoining column.

The suggestion that a fight should be made in Washington for what the trade desires in the matter is, of course, an excellent idea and probably now the only solution. But when it is realized what such action will mean in the way of time and expense and prodigious effort, it may be desired to exhaust every other means first. Possibly application of the Nebraska Plan of Reforestation may prove a logical solution of the state Nursery problem, though it may come at too late a date to be put into operation. The idea occurs to us that, in these times of necessary curtailment of both federal and state government expenses, a plan similar to the Nebraska Plan might be successfully broached and accepted by the interested authorities.

But whatever is to be done in the matter should be done without further delay. The extent to which state Nurseries are being expanded and duplicated, since passage of the Clarke-McNary Bill in 1924, is amazing and almost unbelievable.

In New York State, two years after the passing of this Bill, private land owners obtained for planting 8,464,800 trees from state Nurseries. In spring 1931 orders were filled for 16,470,455 trees to be planted on idle lands, farms and country estates, and there was still available a good supply of trees for subsequent requests. New York State's enlarged reforestation program put into effect last year, calls for planting of forests on 1,000,000 acres of abandoned farm lands in the next 15 years. In Nebraska a considerable part of this planting would consist of stock supplied by commercial Nurserymen.

AMERICAN NURSERYMAN

Nebraska Plan In Farm Forestry

The Nebraska Plan, as it has come to be called, was the result of careful study and thought by all who were interested. It is as follows (reproduced from Dec. 1, 1930 A. N.):

Educational information on farm forestry, including tree planting in all its phases, is available to farmers in the state.

Forest tree seedlings and transplants are distributed each spring to farmers for planting windbreaks and woodlots on their farms. The trees handled are broadleaf seedlings and evergreen (pine) transplants.

No ornamental planting stock is distributed.

Trees are handled only in bundles of 100 and a cooperator can secure up to 400 for a windbreak and up to 1000 for a wood-lot. This cooperator files an application for trees with his County Extension Agent in which he agrees to properly plant and care for the trees and to use them for the purpose intended. Further, he agrees to report on the survival and growth when such a report is requested.

A handling, packing and transportation charge of \$1.00 per hundred trees is made which, with Federal and State aid, finances the project.

The Nebraska Nurserymen's Association furnishes all broadleaf stock for these demonstration plantings at prices taken from a wholesale list which is recognized by all Nurserymen in this section of the country.

The pines, which are three-year-old trans-

This reforestation program, the most extensive ever undertaken by a state, provides for expenditure of \$20,000,000 over the 15-year period and is expected to add \$500,000 to the wealth of the state. In the absence of any cooperative arrangement with the commercial Nurseries of New York State, such as Nebraska Nurserymen have effected, two new state Nurseries have been established, under this proposed reforestation program. It is a well known fact that Governor Franklin D. Roosevelt is a staunch advocate of reforestation, and that since he has been serving as Governor of the State of New York, reforestation has received much impetus, rather more than New York State Nurserymen desire.

The case cited shows activity in only one state; however, the states of Michigan, Pennsylvania, Ohio, Virginia, Wisconsin and Minnesota, among others, are doing enough along the same line so as to agitate and alarm Nurserymen in those states.

Something must be done about government competition in the Nursery business—and the sooner the better. Nurserymen throughout the country must be made to realize the gravity of the situation, and the necessity of taking immediate action on the subject; or the trade will find itself looking on while other than commercial Nursery trade interests perform their work.

Chas. Franke, Nurseryman, Waterford, N. J., was presented with the Herzog Achievement Cup at the South Jersey Floricultural Society Show for his ability to propagate and grow rare succulents and cacti, some of the rarest having been exhibited at the Show.

plants, are purchased from the United States Forest Nursery at Halsey, Neb.

Says Clayton W. Watkins, Extension Forester of the University of Nebraska:

"Each spring following the planting season a meeting of the Nebraska Nurserymen's Association and the State Extension Forester is held for the purpose of discussing plans for the next year. At this meeting a tentative list of stock which will be needed for demonstration plantings the following spring is submitted to the secretary of the association. The order which now amounts to more than one-half million trees is checked over and prorated among Nurseries in the state that grow this class of stock. This, however, is a matter which the Association handles since the Extension Service merely agrees to purchase outright this amount of stock of specified grade and has the assurance of the Association that it will be available by April 1st next year.

"This has proven to be a clean-cut business proposition for both parties and has eliminated any need or desire for a state-owned Nursery.

"The firm forestry project handled by the Extension Service and its County Agents has furnished demonstration plantings to 10,000 farmers, out of 127,000 in the state, during the past five-year period. This has involved the distribution of 2,458,000 forest trees, over half of which were furnished through the Nebraska Nurserymen's Association.

"Since 1927, or one year after the work was started, plantings have gone to every county in the state. The distributed stock is only a small portion of the total number of trees planted in the state during that time and evidence has shown that the tree distribution service, together with the educational program in forestry, has been responsible for stimulation and greater interest in general planting.

Nebraska Nurserymen approve this program and have stated that it is not interfering with their business; in fact, in many cases where a check has been made sales in the same classes of stock as are being distributed have increased since this plan has been in operation.

Rose Awarded Gold Medal

The Rose Society of Ontario, Canada, reports:

The rose variety Comtesse Vandal, to be introduced this fall by Jackson & Perkins Company of Newark, New York, has been awarded the first Gold Medal of the Rose Society of Ontario for new varieties tested at the Ontario Agricultural College. The committee in charge found so many worthwhile varieties doing well that the decision to advance the date of presentation one year was reached and, on September 18th, final judging gave the award to this really fine Hybrid Tea. Although just reaching the market now, this variety has won fame in other test gardens and has been awarded several prizes, including the Gold Medal at Bagatelle, 1931, and at Saverne in 1930.

Originated by M. Leenders and Company of Steyl-Tegelen, Holland, this rose is a product of a seedling of Ophelia and Mrs. Aaron Ward crossed with Souvenir de Claudio Pernet; it produces freely, good-sized, well-formed, orange-copper buds, which develop into large, double, slightly fragrant, bright salmon pink bloom of exhibition calibre. The base is yellow. Records taken at Guelph show that the plants have grown and wintered well, and have shown considerable resistance to disease. It is apparently, a variety destined to become very popular in American gardens where it will be winter hardy.

Comtesse Vandal (in trade "Countess") has also proved to be an excellent florist rose, production almost equal to Talisman, but stronger stems.

George Cox, Middletown, Ohio, Nurseryman and tree expert, was the guest speaker at the Neighborhood Garden Club. He spoke on types and varieties of trees, suitable to home grounds, their cultivation and care. Mr. Cox displayed specimens of some of the common diseases and insect injuries as well as some of the newer tree injuries, such as the Dutch elm disease.

Oregon Nurseries

(Continued from Page 130)

bert growers and Nurserymen made a tour of the groves of the new and promising Brixnut Filbert and found these young orchards just coming into bearing in a thriving condition with all of the growers enthusiastic about the future of the Brixnut Filbert.

"Yes, there are some bright spots along the way. With commodity prices generally on the up grade, we may and confidently are looking for a revival in business in the near future out here on the Pacific Coast where the grass grows greener, and the sun shines brighter, and roses bloom perpetually."

Lafayette Nursery Company

At Lafayette, is successor to J. S. Brooks & Sons, established in 1890. The company is owned and operated by B. Brooks, Jay Brooks, and G. M. Brooks. Growers and dealers in a general line of Nursery stock, specializing in a complete line of fruit and nut trees. The first year in business stock consisting of approximately 50,000 fruit trees was propagated for the market, the following year 800,000 fruit trees, the larger percentage Italian (Fellenberg) prune. A general assortment of other stock is included in the company's growing list.

Says B. Brooks: "Not unlike others, during our term in business, we have had our fat and lean years; however, in general, our production from year to year has been disposed of with fair average profits, only a small portion having been put on the brush pile.

"The past few years we have been growing an average of approximately 100,000 fruit and nut trees each year and so far have been able to dispose of all stock at fair profits, in addition to a considerable surplus of shrubs, ornamentals, small plants, etc., purchased outside.

"Our experience and observation of the Nursery business leads us to believe, that the failures of many in this line, are due to the fact that they have been growing much more than they could dispose of to profitable advantage, consequently they were

NOW is the time to start advertising. Start the machine in "first" not later than October, shift to "second" around the first of the year and then throw into "high" in April.

"While his prescription cannot be applied to all industries alike, it will especially apply to all those individual manufacturers, merchants and industries which in recent months have been compelled through shortage of funds or conservation of resources to temporarily curtail or stop their advertising altogether.

"Who will pay for this advertising, is a fair question to ask. The manufacturer or merchant who does not advertise will pay." **EDITOR & PUBLISHER**

compelled to either sell a considerable portion of their surplus below cost or otherwise destroy stock entirely by placing same on brush heap.

"We are of the opinion that it would be better to have a shortage rather than an overproduction and more especially under the present uncertain prevailing conditions. Grow less stock and better quality is our advice.

"At the present time we are confining our plantings to the most desirable Nursery lands available at a yearly rental cost of \$25.00 per acre, while we have 220 acres of good average productive land of our own, any portion of which we could use at an annual cost of taxes.

"The land on which our stock is grown this season consists of fertile river bottom, well drained silt soil and was prepared prior to planting by deep plowing with tractor plow, turning under a heavy cover crop of alfalfa, followed up by thoroughly pulverizing with heavy tandem disc and other implements. Consequences: The larger percentage of our block of 30,000 sweet cherry trees (which were budded on 1-year transplanted Mazzard seedlings during August and September 1931), run from 6 to 7 feet in height, with caliper and root system in proportion, which show results worth while when you consider that this is the outcome

without irrigation, just ordinary care and cultivation."

Although this company is in the Nursery business, they are not depending solely on that business. They have 100 acres in orchards, including 55 acres in a grafted Fransette walnut grove, 10 years old, and 45 acres in Italian prunes, pears and peaches of the standard market varieties.

Mohican Rose

The following rose has been approved by the registration committee of The American Rose Society and notification having been sent to the foregoing Rose Societies, is proposed for registration as follows:

Name—Mohican—H. T. Originator—J. H. Thompson's Sons, Kennett Square, Pa. Parentage—Templer x Gunstan Hall.

Description—A strong plant with heavy seven-leaf type foliage; free grower. The bud is pointed, which opens into a well-formed flower 4" to 5" across when fully open, with 45 to 50 petals. Color: Deep rich scarlet that will not blue; very fragrant. This rose is a very free bloomer and has excellent lasting qualities. It is similar to no other rose.

Incorporated: Knox Nursery & Orchard Co., Vincennes, Ind., capital stock 1000 shares no par value. L. B. McDonald, H. D. Simpson, R. A. Simpson.

Oil Spray Cleans Up Scale Infestation

Sprayers of shrubbery and trees report enthusiastically over the complete control of scale which they secured with last season's spraying with Dendrol.



Their shrubs and young stock were threatened early this year with one of the

most severe attacks of San Jose scale.

Warnings went forth from State Exper-

iment Stations. Our Technical Department wrote nurserymen urging the use of Dendrol. Shrubbery and trees so sprayed were free from scale this summer.

Again this year the winter and summer have been favorable to scale growth. To prevent scale injuring

your stock, spray with Dendrol either in the dormant or delayed dormant period.

With Dendrol you can also control red mite, and certain other insects that winter on plant life.

Make sure that you have a supply of Dendrol by ordering it now. Authoritative recommendations for its use appear in the Dendrol Booklet. Ask the Tree Spray Representative for your free copy, or fill in and mail the coupon to

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Yes, I'd like to have a copy of the free Dendrol Booklet. The insects I want to control are

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AN-O

BE SURE OF MORE CLEAN, HEALTHY AND BEAUTIFUL PLANTS, AND BETTER PRICES, BY SPRAYING WITH DENDROL DORMANT SPRAY OIL

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Norway and Schwedleri Maple, whips and headed trees; Cutleaf Weeping Birch; Hawthorne; Mountain Ash; Flowering Cherry, Crab, Peach and Almond; Roses; Fruit and Shade Tree Seedlings; Manetti, Rugosa and Multiflora rooted cuttings. Very complete supply as usual.

If you have not received our wholesale price list for this season, advise and we will gladly mail one.

FREDONIA GROWN

Grapes, Currants, Gooseberries Blackberries and Raspberries

A complete stock in all the standard varieties including the new

Fredonia, Ontario and Portland GRAPES

SEND YOUR WANT LIST FOR QUOTATIONS

FOSTER NURSERY CO. Inc. FREDONIA, N. Y.

Office and storage one block off Route 20

Washington Nurseries

(Continued from Page 131)

try, we are advised, one Holland grower having about a half million dollars invested in his planting stock of narcissus bulbs on Puget Sound.

Says Mr. Lawler, "Bulb growing is the youngest of all the branches of the Nursery business and is growing by 'leaps and bounds.' I am astonished at the orders I am receiving from a special circular. Nurserymen who are wise will add the growing of narcissus bulbs to their business as they will stand neglect and yet multiply."

"Our association ships around 20 carloads of narcissus, daffodil bulbs each year. Several hundred carloads are shipped annually for forcing in greenhouses for florists, but the best market should be for home grounds."

C. & O. Nursery Company

Was established in 1906 at Wenatchee, known as the "Apple Capital of the World." More apples are grown at this point—and some of the finest—than in any other similar area in the world. Also a large variety of other deciduous fruits such as peaches, pears, plums, prunes, cherries, apricots, etc.

Twenty-five years ago North Central Washington produced and shipped 60 car-

"PAINESVILLE NURSERIES"

Lowest Prices in Years!

Send us your list of Wants.
Complete assortment of varieties of Quality Stock.

Quick Service on All Orders



Everything Is Ready In October

Complete list of Evergreens, Trees and Shrubs, Roses, Fruit Trees, Small Fruits, Bulbs and Perennials

Order Now! Be Ready for Your Customers!

The Storrs & Harrison Company

PAINESVILLE, OHIO

"Our new red strains of apples, and our new patent varieties have been in heavy demand. We will be sold out of Candoka peaches long before planting season arrives. Have been receiving a considerable volume of inquiries for Blackjon and Richard Delicious apples."

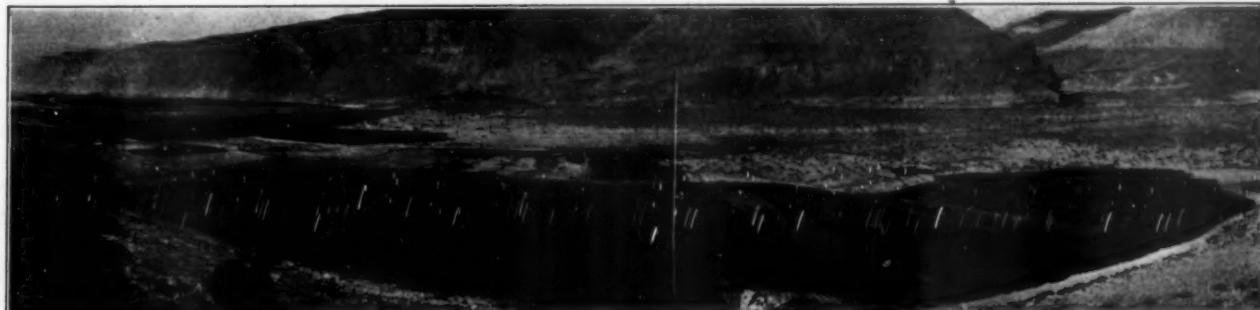
F. Janish

Nurseryman of Spokane, says:

"We regret to say that most Nurserymen have themselves to blame for the present conditions. Our production of stock increases four times as fast as our population. Right here in Spokane within a hundred mile circle, we have nearly the same population as that of twenty years ago; then there were four Nurseries here, today we have twenty-five Nurseries. With city property valuation nearly cut in half, the demand for our produce is small. The price of fruit is less than the cost of its production."

"As a result of my visit to Europe last year, I would say that there are millions of human beings, especially in Central Europe, who have probably never had a good meal since the World War, and who have lost the one great word which we call hope."

"It is my hope that our representatives in (Continued on Page 138)



View of the Nursery Grounds of the Columbia & Okanogan Nursery Company, at Wenatchee, Wash.

Nurserymen's Cooperative Association

Memorandum of Results and Prospects for Cooperation Among Nurserymen of Southwest
By W. C. Griffing, Beaumont, Tex.

The subject of Cooperation among Nurserymen was discussed by the Nurserymen attending the Southwestern Nurserymen's Association Convention in Dallas, Tex., on September 6-9.

The need of closer working together has come from necessity; therefore, as other businesses of the same kind have made headway by cooperating, it seems but reasonable that Nurserymen could also be benefitted.

Cooperative organizations are permissible only among businesses of an agricultural nature; therefore, it was pointed out by proper authorities that Nurserymen can organize. Attending the convention was Mr. Charles H. Alvord, Representative of the Federal Farm Board of the Southern Division. Mr. Alvord was quite well informed of our difficulties, and assisted the group of Nurserymen materially in working out their problems.

President Baker of the Southwestern Nurserymen's Association, appointed a committee to work out a plan for organizing the Nurserymen of the Southwest into one organization for the purpose of stabilizing prices and elevate quality of material sold. This committee worked until after the convention proper had been adjourned for the year without having anything definite and feasible to present.

In order to arrive at something definite, it was suggested that a group of the larger growers remain over on the 9th in Dallas to again meet with Mr. Alvord and a local attorney, specializing in organization of cooperative associations, Mr. C. K. Bullard, and the following Nurserymen: Messrs. Edward Baker, W. C. Griffing, George Verhagen, C. C. Mayhew, A. B. Mayhew, and Tom Foster. The group met again and presented the difficulties of the Nurserymen in making their prices, marketing their products, etc.

The simple plan of organizing was laid before the group by Mr. Bullard so as to incorporate all difficulties, and a resolution was passed at the meeting that the association be recommended to be organized under the Texas Cooperative Marketing Law. Mr. Bullard who has organized almost all of the Cooperatives in Texas, agreed to formulate the constitution, by-laws, file the charter, etc., for the nominal sum of \$50.00 and \$10.00 for filing the charter.

It is necessary to incorporate under the Texas laws first, because no group of producers are allowed to make and maintain prices until they do, as they would be violating the Anti-Trust Laws. When we have organized, this organization can function as one, under the instruction of the Directors, who will be Nurserymen elected. The organization can then begin operation under

the Constitution and By-Laws, as well as stabilize prices, and establish a low minimum, formulate a marketing contract with growers and sales agencies, agree upon sales plans, make uniform catalogs, adopt a uniform standardized grading system, and work out problems with all members and growers of all classes of Nursery Stock.

Another great advantage of the Nurserymen's Cooperative Association will be that it is eligible to join the existing Cooperative Council, which is composed of the various cooperatives to look out for the legal end of various kinds of cooperatives in Texas.

By being affiliated with this Council, it would be worth more to the Nurserymen than the cost of organizing the Nurserymen's Cooperative Association, as it would be able to take care of all legislative matters, including getting the Legislature to cancel the law which is now in existence, by which Nursery Stock is taxable the same as merchandise on the shelf in Texas. After we get our organization formulated, this council can, no doubt, get a bill ready for Congress by January 1st when they convene. They will be able to get more conservative action than individual Nurserymen could, and besides, they will have more influence in getting reduced freight rates, a satisfactory trucking regulation, and possibly secure aid of the Department of Agriculture in establishing standardized grading, and require the state to certify all Nursery Stock that is up to standard grades which is to be sold by the members of the Nurserymen's Cooperative Association, and many other cooperative associations we need from time to time.

Before our last committee meeting adjourned, it was decided that a memorandum of the results of the committee meeting be sent out to all members of the Southwestern Nurserymen's Association by President Baker, and if he heard from enough of the members favoring the organization of the "Nurserymen's Cooperative Association," he would then secure the approval of the executive committee for the necessary expenditures, and authorize Mr. Bullard to prepare and file the Charter.

It will be advisable for the larger Nurserymen to meet with Mr. Bullard in Dallas to help him draft the Constitution and By-Laws, and to decide on policies of the association. To finance the association it will probably be best to have an entrance membership fee; then, for further expenses it will probably be best to assess a percentage of each member's sales to cover the activities of the Nurserymen's Cooperative Association.

When the Charter Members are together, the Directors will be elected, who will in turn elect the officers to operate the Association.

ciation. Officers should consist of a President, Vice-President, Secretary, Treasurer and Manager.

Many details were worked out, all objections being thoroughly discussed and overcome. Each Nurseryman present agreed and settled upon the outline as given above. The association will be a corporation without capital stock, and without property of any member being liable for the actions of the association. A Marketing Agreement will be made with each grower to suit various conditions, if they desire.

The Nurserymen are due a vote of thanks for the hard work they have done on this project and, with the proper cooperation of all Nurserymen, it is believed that this association will solve every Nurseryman's problems, whether he be a large grower, or a small grower and planter. Everyone has been given consideration in this plan. The association is also very grateful to Mr. Alvord for his several days' work with the Nurserymen, and to Mr. Bullard who gave several hours' attention to the matter, and who is quite capable of handling the whole organization plans.

For further details and developments, correspond with W. C. Griffing, Beaumont, Tex., or E. L. Baker, President, Southwestern Nurserymen's Association, Fort Worth, Texas.

NORWAY MAPLE SEEDLINGS AND SHADE TREES

We can take good care of your requirements—with a thousand trees or a carload. Write for samples and prices.

—Complete line of Fruit, Shade and Ornamentals.

—Japanese Flowering Cherries, uprights and weepers—single and double flowered; Weeping Peach; Globe Locust; Hawthorns, etc.

WRITE FOR TRADE LIST

Also send your Surplus List—we are usually in the market for fill-ins in ornamentals.

Columbia & Okanogan Nursery Co.
Wenatchee, Wash.
"THE WENATCHEE NURSERIES"

FRUIT TREES AT DEPRESSION PRICES!

ALSO PRIVET

Let us quote you on your needs.

TWO-YEAR APPLE—Red June, Yellow Transparent, Early Harvest, Red Astrachan, Ben Davis, Winesap, Albemarle Pippin, Stayman, Rome Beauty, Virginia Beauty, Arkansas Black, Banana, Delicious and many others.

ONE-YEAR PEACH—Elberta, Carmen, Champion, Bell of Georgia, Slappy, Stump, Early Elberta, Hale, Hiley and many others.

Our stock is as good as can be grown and our service is all that could be desired.

BLOUNTVILLE NURSERIES, Inc.
BLOUNTVILLE, TENN.

EVERGREENS SEEDLINGS and TRANSPLANTS

FOR LINING OUT

Write for Our Price List

THE NORTH-EASTERN FORESTRY CO.

"We Grow Our Own Trees"

CHESHIRE, CONNECTICUT

Peonies Pay Fine Profits

from both Flowers and Roots. Our 21st Annual Wholesale Catalog tells you how. We grow only the best of the Old and New Varieties, and offer them to you at Attractive Prices.

HARVEL PEONY COMPANY
BERLIN, MARYLAND

ROSES

From the Rose District of East Texas
60,000 EXCELSIA
40,000 DOROTHY PERKINS
50,000 BUDDED ROSES, best variety

Write for interesting Price List
HENDERSON'S NURSERIES
ATHENS, TEXAS

E. P. BERNARDIN
PARSONS, KANSAS
Established 1870
Specializes in
AMOOR PRIVET, SHRUBS
EVERGREENS
and
SHADE TREES
for the great Southwest.

SEEDS
HERBST BROTHERS, Inc.
Agents for T. SAKATA & CO.
92 Warren St. NEW YORK

PIN OAKS
Lining-out sizes,
6-9, 9-12, 12-18 and 18-24 inches
Large Trees for permanent planting
5-6, 6-8 and 10-12 feet
Arthur L. Norton Nurseries
Clarksville. Missouri

Canterbury Boxwood

Buxus sempervirens and B. sempervirens. Selected uniform plants; bushy and foliated to center; masses of fibrous roots. Finished specimens from 4 inches up, ready for quick shipment. Prices lower, plants larger. Ask for special list.
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Is enjoyed by users of our Digger. Write for descriptive circular and prices.

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NEOSHO NURSERIES CO.
NEOSHO, MO.

Loose Leaf Plate Book

Special Sample Price \$1.50

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PROCESS COLOR PRINTING CO.
Searle Bldg. ROCHESTER, N. Y.

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When in need of one or more books on
Nursery practice or horticulture in any
phase, apply for list (160 books) and
price quotations to:

AMERICAN FRUITS PUBG. CO., INC.
P. O. Box 124, Rochester, N. Y.

LITERATURE

Catalogues Received

D. Hill Nursery Co., Dundee, Ill., Evergreen specialists and largest growers thereof in America; Fall 1932 catalogue 50 pages replete with beautiful illustrations in black and white. The Cash Plan of payment is stressed as follows: "This plan earns 3% discount and free boxing. On bulky stock, boxing sometimes amounts to 10% or more so this plan earns a total of from 10% to 12% discount. Under this plan we book the order, reserve the stock until September 1 for fall shipments and March 1 for spring shipments." Announcement is made that a descriptive catalogue of Evergreens, illustrated in color, will be sent free on request. Both it and the latest fall catalogue are well worth asking for.

Milton Nursery Co., Milton, Ore., 1932 Planting Guide for the Northwest, covering a general line of trees, shrubs, roses, peonies, vines, plants and fruits. This 54-year-old concern now has 325 acres devoted exclusively to the growing of nearly two million of fruit, shade ornamental trees and shrubbery. Valuable features of the catalogue are three sample planting plans, and a list of "Helpful Hints in Selecting Shrubs and Trees for Unusual Conditions and Special Purposes." Fifty per cent of the many illustrations are in color, beautiful natural reproductions by the well known horticultural printers, A. B. Morse Company at St. Joseph, Mich.

Onarga Nursery Co., Onarga, Ill., Fall 1932 wholesale Trade List of Dependable Nursery Stock, covering fruit and ornamental shade trees, evergreens, deciduous shrubs, roses, perennials, rock garden plants, lining out stock, etc. The following machinery is also manufactured by the Onarga concern: One man shrub digger, tree digger, and Onarga Nursery trencher.

Chase, Ala., Nursery Company's "In-The-Red Issue of our Hard Times" Fall '32-Spring '33 Trade List" has just come to hand. It is printed on Chase's regular Kraft Box Lining Paper, the covers being printed in red ink; but, as explained on page 2: "We planned to print this thrifit issue of our Trade List in red ink all the way through to signify that we were 'in the red' for fair. Now, at printing time, with hogs, wheat, corn and cotton looking up, we are really beginning to believe that we can see our way out, and thinking that 'all red' is not warranted, we are using black ink inside with a red cover." It is a very complete listing of Deciduous Shrubs, Conifers, Broadleaved Evergreens, Roses, Lining-out Stock, Propagating Supplies, etc.

H. A. Hyde Co., Watsonville, Ca. Illustrated catalogue of Flowering Plants, Trees, Shrubs, Seeds, Golf and Lawn Grasses, Landscaping. A new Hyde Service is announced: Those who are interested in new plants and bulbs are asked to enroll their names; as new things of merit are available for distribution, or if they can be seen in any Hyde plantings, notice is sent out telling when the flowers are best, or when the fruit or berries are ripe. Individual notice as to the best time to visit the famous Begonia fields, the rare new Daffodils and the wonderful collection of rock plants in the disklay rock gardens, is sent to all who desire this service.

Milton Nursery Co., Milton, Ore. The 1932-33 "Planting Guide for the Northwest" features on the cover, in beautiful true colors, the gorgeous Talisman Rose. The Guide lists trees, shrubs, roses, peonies, vines, plants, and fruits. Over 50 per cent of the many illustrations are in natural colors, a product of the A. B. Morse Co., well-known horticultural printers, especially as to natural color reproductions. The catalogue contains no prices due to "the uncertainty of conditions in the Nursery field," but has a price list attached.

Willis Nursery Co., Ottawa, Kan. Wholesale Fall Trade List, listing Shrubs, Privet, Shade Trees, Evergreens, Roses, Hardy Perennials, Bulbs, Lining-out Stock, Nursery Supplies, etc.

E. H. Burson Nursery, Clifton, N. Y. Price list on Bulbs, Evergreens, Strawberry Plants, etc.

AMERICAN NURSERYMAN

HARDY PERENNIALS AND ROCK PLANTS SEEDLINGS

All kinds of Delphiniums, Canterbury Bells, Fox-Gloves, Columbine, Hardy Pinks, Hardy Aster, Hardy Candytuft, Achillea the Pearl, Wallflowers, Dbl. Hollyhock, Hardy Alyssum, Pyrethrum, Lythrum Roseum, Liatris (Blazing Star), Oriental Poppy, Veronica, Anchusa Drapmore, Dbl. Sweet William and Newport Pink, Red Hot Poker, Chinese Lantern, Gypsophila, Rudbeckia, Gaillardia, Coreopsis, Veronica Incana, Achillea filipendulina, Anthemis (Hardy Yellow Marguerite), Lychnis Chalcedonica, Chelone, Agrostemma, Dianthus Deltoides, Valeriana (Garden Hellotrope), Lavender (Lavandula Vera), Sweet Wwfelsfield, Lupinus, Hibiscus.

Strong Seedlings, 75c per 100.
\$5.00 per 1000; 5000 for \$20.00

PANSIES—Swiss Giants. Best pansies on the market. Strong Seedlings.
60c per 100; \$4.00 per 1000.

J. C. SCHMIDT
Bristol, Pa. Send for List.

LINING OUT STOCK CONNECTICUT VALLEY GROWN

Over 100 Leading Varieties

DECIDUOUS and EVERGREEN

Special Offer—Early Orders

AMPELOPSIS VEITCHII

BARBERRY THUNBERGI

IBOTA PRIVET

ROSA MULTIFLORA JAPONICA

(Best Understock)

Write for Complete List.

C. E. WILSON & COMPANY, INC.
Manchester, Conn.

SARFF'S NURSERY

offers the BEST in
Small Fruit Plants

Retain the confidence of your customers by furnishing them the best up-to-date Varieties and Disease Free Plants. Shipments direct under your tags, to avoid delay.

Distributors for the Ohio Small Fruit Improvement Association
ORNAMENTALS—EVERGREENS
Send for Wholesale Price List

W. N. SCARFF'S SONS, New Carlisle, Ohio
1500 A. Nursery, Orchards & Seed Farms

IF YOU plant

Tennessee Natural Peach Seed

You will not be sorry. Reliable and Dependable. Write for prices on 1931 crop. 6000 to 7000 seeds to the bushel (50lb.)

Southern Nursery & Landscape Co.
Winchester, Tennessee

THE WESTMINSTER NURSERY WESTMINSTER, MD.

Offers at special prices California Privet, Lombardy Poplars, Oriental Planes, Shrubbery, Evergreens, Perennials, etc. Write for new price list.

Hill's Evergreen Plate Book

50 four-color process prints from photographs. 5½x9 inches. Loose leaf. Cloth binding \$3.00. Leather, \$3.75. Post-paid. Great help in selling. Order for your salesman. Money refunded if not satisfied.

D. HILL NURSERY CO.
Evergreen Specialists. Largest Growers in America
Box 402. DUNDEE, ILL.

PRIVET and BERBERIS Splendid Stock

Write for Special Quotations.

LESTER C. LOVETT

Milford Delaware

RASPBERRY PLANTS

CHIEF AND LATHAM

Attractive prices for fall orders for either fall or spring delivery. Write us at once.

PINECREST GARDENS

(The Home of Good Berry Plants)
W. H. STOUT. CHAMPLIN, MINN.

SEEDLINGS CLEAN COAST GROWN

We have good stands in all lines, which look very promising, they will be carefully dug, graded, and packed, so they will reach you in first class condition.

Our usual extensive line of SHADE and ORNAMENTAL TREES, SHRUBS and ROSES. An especially fine lot of BIRCH, MAPLE, THORN and FLOWERING CHERRY.

PRICES RIGHT
WRITE FOR PRICES

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East Morrison at 23rd St.
PORTLAND OREGON

MONEY-MAKERS For 1932-33

KERRIA JAPONICA double flowering
GLOBE LOCUST
ROSE ACACIA standards
CHINE FLEECEVINE
—many others

Send for Fall Trade List

Willis Nursery Co.

WHOLESALE NURSERYMEN
Ottawa, Kansas

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I am securing plant patents for many of the leading Florists and Nurserymen.

If you have a new variety write me for an opinion on its probable patentability and an estimate of costs of patenting same.

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LEONARD FULL-STRAPPED SPADES
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Write for 96-page Wholesale Catalog
Illustrating over 600 Hand Tools

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PIQUA OHIO

American Bulb Company

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SUPERIOR Hardy Ornamentals

CONIGISKY'S
HAND COLORED PHOTOGRAPHS
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Shrubs, Perennials, Evergreens, Roses
in Life-Like Reproduction
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THIS SIZE SPACE

\$2.10 Per Issue

Under Yearly Term \$1.90

AMERICAN ROSE SOCIETY
Robert Pyle, West Grove, Pa., Secy.

The regular meeting of the Executive Committee of the American Rose Society was held in Philadelphia on October 6th.

Upon invitation Prof. Whetzel was present to discuss the continuation for another two years of the Fellowship arrangement with Cornell University, which will expire by April 1st next, terminating a four-year term. During that time much has been accomplished in determining the most advisable control methods for Black Spot and related fungous diseases. Prof. Whetzel especially urged that, if Nurserymen could be assisted to the point of having canker-free stock go into the gardens of their clients, that would largely eliminate the difficulties at the source. It has been the policy of Cornell in the past to have one of their workers in the case of each investigation, spend at least six months in actual contact with the field work where the plants are grown. The Executive Committee are persuaded that the testing work should, if possible, go on; and that a further fellowship arrangement for the investigation especially of canker control is highly desirable, providing the arrangement can be financed. Prof. Whetzel very generously offered to interview personally such commercial Nurserymen in the United States who might be expected to experience considerable benefit as the result of the work proposed.

It was agreed to hold the 1933 annual meeting in Boston, probably in June.

The Registration Committee reported application for the registration of the following Roses:

"Golden Radiance"—H. T.—Jackson & Perkins Co., Newark, N. Y.

"Blaze"—Hdly Cl.—Jackson & Perkins Co., Newark, N. Y.

"California Gold"—Poly.—John Smith, Hayward, California.

"Glitters"—H. T.—John Smith, Hayward, California.

"Cl. Luxembourg"—Cl. H. T.—John Wight, Cairo, Georgia.

"Mohican"—H. T.—J. H. Thompson's Sons, Kennett Square, Pa.

"Minuet"—H. T.—J. H. Thompson's Sons, Kennett Square, Pa.

Upon report of the newly constituted

C. R. BURR & CO., INC.
MANCHESTER, CONN.
HEAVY SURPLUS ON SOME ITEMS
Write For Low Prices



EVERGREENS, FERNS, PERENNIALS
Discount from trade list for fall shipment—10% on orders for \$10; 20% on orders for \$25; 25% on orders for \$50; or we will quote special prices on your Want List. Trade List will be mailed on request.
FERNDALE NURSERY, Asher, Miss.

HOOD NURSERIES
We offer for Fall 1932 and Spring 1933, complete line of Evergreens, Pink Flowering Dogwood, Azaleas, Deciduous Magnolias, Shrubbery, Shade Trees, Fruit Trees and etc.
Send us your list for quotations.
W. T. HOOD & CO., Richmond, Va.

NOTICE

All "American Nurserymen" wishing to do business with Europe should send for the **HORTICULTURAL ADVERTISER**

This is a British Trade Paper read weekly by all the chief accredited horticultural traders. Annual subscription to cover cost of postage, \$1.85. Money orders payable at Nottingham.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trades. Address

Horticultural Advertiser (1930) Ltd.
Nottingham, England

Prize Committee, it is announced that

- (1) The Nicholson Bowl will be made available for award by the Portland Rose Society in 1933 and the San Jose Rose Society in 1934, beyond which time Rose Societies or Rose centers will be expected to qualify by having developed their Shows to a certain standard to be gauged by the number of exhibits or entries, the number of awards, the number of participants, and attendance; that, upon the basis of such data when supplied, the Executive Committee will expect to announce annually at least two years in advance the city in which the coveted \$500. Nicholson Bowl will next be awarded.
- (2) For the rose, Leonard Barron, was awarded the David Fuerstenberg prize, being the annual income on a \$1000 fund.
- (3) The Dr. W. Van Fleet Gold Medal was awarded to Mr. G. A. Stevens for the rose, Vanguard.
- (4) The John Cook Gold Medal, upon recommendation of a special committee made up of Henry Penn, Max Schling, and Martin Samtmann, was awarded to the Montgomery Co. for the rose, Talisman, as the best florist rose introduced within the last three years.

The subscription rate for membership was retained at \$3.50 per year, but the advertising rate in the Annual was reduced from \$100 to \$75 per page; \$40 for half page; and \$25.00 for quarter page.

It was further agreed not to have patented the new rose, Sentinel.

Robert Pyle, Secretary

New Blackberry For California

Promising to take a prominent place with the Youngberry in the bush berry industry in southern California, the Texas Wonder Blackberry was given its first extensive commercial trial in southern California this year by Walter Knott, veteran berry grower of Buena Park.

The Texas Wonder has been grown for a good many years in Texas, but has only recently been tried out in California. It is a very large berry, one of its attributes is a heavy first year production, according to Mr. Knott, and will probably produce heavier yields per acre than the Youngberry.

In vining habit, the Texas wonder is much like the Macatawa and Crandall and is grown in bush form without support. Mr. Knott also reports the berry as having a very pleasing flavor, very juicy, yet solid, and an extremely good keeper.—"Southern California Crops"

Bert C. Kallman has purchased Laguna Nursery, Santa Barbara, Cal., one of the oldest Nurseries in that section.

JAPANESE CHERRIES and CRABS
up to 12 feet
MAGNOLIAS, LENNEI and SOULANGEANA
up to 10 feet

A. E. WOHLERT,

Narberth, Pa.

To a Nurseryman Who Needs a Good Office and Sales Executive

Here is a man who is a thoroughly experienced nurseryman, capable of taking complete charge of office and sales department and producing results. His training has been in agency work, catalog and mail order, wholesale. Successful in selling nursery stock direct over radio. A hard worker, with a clean record and can give the best of trade references. This man would like to discuss the matter with you, at your convenience.

Address A-122, care AMERICAN NURSERYMAN.

LABELS FOR NURSERYMEN
THE BENJAMIN CHASE COMPANY
DERRY, N. H.

WESTCOTT NURSERY CO.
Falls Church, Va.
400 Acres of
EVERGREENS, SHRUBS, TREES
Write for Price List

1932-1933
Offers to the Trade at special prices a full assortment of all varieties of
Small Fruit Plants
Rambo's Wholesale Nurseries
BRIDGMAN, MICHIGAN

PLANT PATENTS

New plants to which patents have been granted since President Hoover signed the amendment to the Patent Act in May 1930
et al.

No. 1—Everblooming, a climbing rose, "New Dawn," to Somerset Rose Nurseries, New Brunswick, N. J., Aug. 18, 1931.

No. 2—Red rose, "Senior," to Frank Spanbauer, Kansas City, Mo., Oct. 13, 1931. Characterized and predominantly distinguished by petals which are scarlet crimson in color, semi-double in appearance, and in which the outer petals are inclined to be cordate in shape.

No. 3—White, pink-tinted carnation, "Joan Marie," to Otto A. Muller, to Florex Gardens, North Wales, Pa., Oct. 20, 1931. Characterized particularly by its white blossom slightly flecked with pink, unusually large in size and having a high center; its strongly constructed calyx; its still, unusually long stem; and its superior reproductive and keeping qualities.

No. 4—Young dewberry, thornless, to E. L. Pollard and J. E. Sherrill, Chino, Cal., Oct. 20, 1931.

No. 5—Red rose, sport of Talisman, to Victor Greshens, Roslyn, Pa., Nov. 10, 1931. Substantially the same blooming qualities as Talisman and characterized by petals having on the major portion of both sides the color of rose carthame.

No. 6—Rose, pink hybrid tea, "Sweet Adeline," Rapture x Souvenir de Claudio Pernet, to R. L. Catron to Joseph J. Hill Co., Richmond, Ind., Feb. 16, 1932. Characterized chiefly by its true rose pink color, long buds, superior keeping qualities, and a flower which when half-opened gives a distinctive gardenia-like effect.

No. 7—Peach, "Hal Berta," J. H. Hale x unknown yellow variety of strong and vigorous character, to James E. Markham to Stark Bros. Nurseries, Louisiana, Mo., Feb. 16, 1932. Characterized particularly by the lateness of the ripening period of its fruit (about two weeks later than Elberta).

No. 8—Red rose, "Mary Hart," to George B. Hart, Brighton, N. Y., Feb. 23, 1932. Substantially the same blooming qualities as Talisman and characterized particularly by having roses in which the petals are red color of a shade between spectrum red and carmine.

No. 9—Hybrid Tea Rose, "Afterglow." Filed Dec. 13, 1930. Issued Feb. 23, 1932. Application by Robert Lee Catron, Richmond, Ind. Assigned to Joseph H. Hill Company, Richmond, Ind. Characterized chiefly by its yellowish-pink color, glossy green foliage, relative freedom from spines on the stem, long foliaceous sepals, and its free blooming, vigorous growing and disease resistant qualities.

No. 10—Climbing everblooming red rose, "Blaze," to J. W. Kallay to Jackson & Perkins Co., Newark, N. Y., March 8, 1932. Paul's Scarlet Climber x Gruss an Teplitz. Climbing rose characterized by its ever-blooming habit.

No. 11—Hybrid Tea rose, "Ambassador," to C. W. Hjermid and Paul E. Weiss to Premier Rose Gardens, Maywood, Ill., March 22, 1932. Characterized chiefly by its rose red color, flushed with orange yellow, semi-double petalage, foliaceous sepals, heavy dark green foliage, and superior producing qualities.

No. 12—Red plum to Mrs. Luther Burbank, to Stark Bros. Nurseries, Louisiana, Mo., April 5, 1932. Characterized particularly by the ripening period of its fruit (extremely early) and the freestone characteristic of its seed.

No. 13—Yellow Plum to Mrs. Luther Burbank, to Stark Bros. Nurseries, Louisiana, Mo., April 5, 1932. Characterized by the clear golden yellow color of the skin of its fruit.

No. 14—Carmine plum, to Mrs. Luther Burbank, to Stark Bros. Nurseries, Louisiana, Mo., April 5, 1932. Characterized chiefly by the early ripening period of its fruit.

No. 15—Yellow freestone peach, to Mrs. Luther Burbank, to Stark Bros. Nurseries, Louisville, Mo., April 5, 1932. Characterized particularly by the ripening period and color of the skin of its fruit.

No. 16—Plum, to Mrs. Luther Burbank, to Stark Bros. Nurseries, Louisiana, Mo., May 10, 1932. Characterized by shape and color of its fruit (red skinned, golden fleshed) and size of its seed (medium to rather large).

No. 17—Freesia, giant white, to William R. Elder, to Elder & Elder Nurseries, Indianapolis, Ind., May 24, 1932. Characterized particularly by its large size, waxy white lily-like color, regular and pleasing shape, bright green foliage, and the relatively small size but great number of corms produced.

No. 18—Plum, to Mrs. Luther Burbank, to Stark Bros. Nurseries, Louisiana, Mo., July 19, 1932. A plum tree characterized particularly by the chrome yellow color and the firmness of the flesh of its fruit.

No. 19—Dahlia, to Harold L. Ickes, Hubbard Woods, Ill., July 19, 1932. A dahlia characterized by its coral red color shading to Eugenia red toward the center, involute florets and strong healthy growing habits.

No. 20—Yellow Rose, to Earl H. Mann, to E. G. Hill Co., Richmond, Ind., Aug. 23, 1932. Characterized by the deep rich golden color of the major portion, its fragrance, long and stiff stems, and the pointed shape and long length of its buds.

No. 21—Corise Rose, to Earl H. Mann, to E. G. Hill Co., Richmond, Ind., Aug. 23, 1932. Characterized by its deep cerise pink bloom, with a yellow base at its petals, its large and pointed buds, its sweet scented spicy fragrance, its long and strong stems, and its prolific production of blooms.

No. 22—Rose, to Chas. N. White, Medina, N. Y., Aug. 23, 1932. Fragrant, semi-double hybrid tea rose, characterized particularly by its amber yellow color, its vigorous growing habits and relative freedom from thorns.

No. 23—Rose, to Robert Lee Catron, to E. G. Hill Co., Richmond, Ind., Aug. 23, 1932. Characterized by its bloom being brilliant cerise in color, having a delicate and attractive fragrance of long duration, and in which the petals are unusually prolific and of very large size.

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No. 24—Carnation, to William Sim, Saugus, Mass., Aug. 30, 1932. Characterized by a bronzy yellow color suffused with pink and with a white edge.

No. 25—Hybrid tea rose, to Wallace R. Pierson, Cromwell, Conn., August 30, 1932. Characterized chiefly by its golden yellow color, full petalage, stems free of spines and thorns, and semi-glossy leaves.

No. 26—Strawberry, to Bert W. and Bud H. Keith, Sawyer, Mich., Aug. 30, 1932. Characterized by its conic to large conic shape, its firmness and its fine canning qualities.

No. 27—Mushroom, to Louis F. Lambert, Coatesville, Pa., Sept. 20, 1932. Characterized by a white cap with floccose scales oxidizing to a pale buff or golden tint.

No. 28—Rose, to Walter D. and Josephine D. Brownell, Providence, R. I., October 4, 1932. Characterized by the golden yellow color of its petals, the form and size of its bloom, its stiff long stem, the intense fragrance, and its remontant and ever-blooming habit.

No. 29—Cherry, to Levi R. Taft, East Jordan, Mich., to Stark Brothers Nurseries, Louisiana, Mo., October 4, 1932. Characterized by the lateness of the ripening period of its fruit, as shown.

No. 30—Cherry, to Levi R. Taft, East Jordan, Mich., to Stark Brothers Nurseries, Louisiana, Mo., October 4, 1932. Characterized by the earliness of the ripening period of its fruit, as shown.

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